

Title (en)
AZETIDINE, PYRROLIDINE AND PIPERIDINE DERIVATIVES

Title (de)
AZETIDIN, PYRROLIDIN UND PIPERIDIN-DERIVATE

Title (fr)
DERIVES DE L'AZETIDINE, DE LA PYRROLIDINE ET DE LA PIPERIDINE

Publication
EP 0861244 A1 19980902 (EN)

Application
EP 96938321 A 19961113

Priority

- GB 9602764 W 19961113
- GB 9523243 A 19951114

Abstract (en)
[origin: WO9718201A1] A class of substituted azetidine, pyrrolidine and piperidine derivatives, linked by a fluoro-substituted alkylene chain to a fused bicyclic heteroaromatic moiety such as indolyl, are selective agonists of 5-HT₁-like receptors, being potent agonists of the human 5-HT_{1D} alpha receptor subtype whilst possessing at least a 10-fold selective affinity for the 5-HT_{1D} alpha receptor subtype relative to the 5-HT_{1D} beta subtype; they are therefore useful in the treatment and/or prevention of clinical conditions, in particular migraine and associated disorders, for which a subtype-selective agonist of 5-HT_{1D} receptors is indicated, whilst eliciting fewer side-effects, notably adverse cardiovascular events, than those associated with non-subtype-selective 5-HT_{1D} receptor agonists.

IPC 1-7
C07D 401/14; **C07D 401/06**; **C07D 413/14**; **A61K 31/445**

IPC 8 full level
C07D 521/00 (2006.01)

CPC (source: EP US)
C07D 231/12 (2013.01 - EP US); **C07D 233/56** (2013.01 - EP US); **C07D 249/08** (2013.01 - EP US)

Citation (search report)
See references of WO 9718201A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9718201 A1 19970522; AU 711546 B2 19991014; AU 7578496 A 19970605; CA 2236303 A1 19970522; EP 0861244 A1 19980902; GB 9523243 D0 19960117; US 5998440 A 19991207

DOCDB simple family (application)
GB 9602764 W 19961113; AU 7578496 A 19961113; CA 2236303 A 19961113; EP 96938321 A 19961113; GB 9523243 A 19951114; US 6862098 A 19980508